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(54) PRODUCTION OF GRANULAR CLEANING AGENT COMPOSITION HAVING HIGH BULKY DENSITY

(57) Abstract:

PURPOSE: To efficiently obtain the composition while preventing a material to be treated from attaching itself to a granulator by dividedly adding a paste such as a surfactant, paste or a liquid starting raw material to a multi-stage granulator so as to improve the solubility of cleaning agent particles causing a problem in producing a cleaning agent composition containing a surfactant in a high concentration.

CONSTITUTION: In granulating a surfactant and powder of at least one inorganic builder as starting raw materials. a multistage granulation system in which stirring granulators are arranged in series in a multistage state is

used. The surfactant and the powder of inorganic builder are dividedly added to the multistage granulation system, granulated in a multistage state for 0.5-60 second average retention time in the granulator of each stage at 8-40m/s speed of the tip of a stirring blade to produce the granular cleaning agent composition having high bulky density.

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